



## ABSTRACT

Using known methods of face recognition, appliances can be automatically initiated and/or adjusted as a user enters an environment, such as a home or a room. The environment is networked such that there is a communication link between a camera monitoring the entrance to the environment, a face recognition system, and the appliances. The method of automatically controlling a networked environment includes capturing a face image of an individual, storing the face image (i.e., in a memory), and associating at least one appliance setup to the face image. The method also includes comparing the face image to stored face images, retrieving the at least one appliance setup for a matched face image, and initiating the at least one appliance setup. An appliance setup controls turning on or off an appliance, such as an illumination source, a television, or a stereo.